

DUAL DRIVE FOR HYDRAULIC PUMP AND AIR BOOST COMPRESSOR

ABSTRACT OF THE DISCLOSURE

A dual drive system for a hydraulic pump and an air boost compressor is provided. Reversible power is transmitted to a shaft connected to clockwise and counterclockwise over-
5 running clutches connected to different vehicle or equipment subsystems. Reversing the drive allows power to be alternately transmitted to one or the other of the subsystems. The invention includes utilizing the dual drive for hydraulic and air conditioning systems for an aircraft, with the provision of an additional drive motor providing constant power to one or
10 more of the subsystems.